

Labcon

Redefining Laboratory Performance

FORCED CIRCULATION HEAVY DUTY OVEN

High-performance engineering for
results you can trust



FSOMHD

FEATURES

- 304 stainless steel inner chamber with powder coated outer housing
- Silicone peripheral gasket
- Fan assisted air circulation and adjustable inlet and exhaust air vents
- Adjustable air vents for inner chamber air circulation
- Microprocessor temperature and over-temperature PID controllers
- Digital temperature indicators and digital timer
- Auto over/under audio/visual
- Temperature alarms with cut-out thermostat and safety
- Thermostat to DIN 12880

SPECIFICATIONS

Temperature Range: Ambient +10°C to 250°C

Control Accuracy: $\pm 0.2^{\circ}\text{C}$ @ 100°C

Uniformity: $\pm 1^{\circ}\text{C}$ @ 100°C

Ambient: @25°C 40% RH

ENVIRONMENTAL CONDITIONS Indoor use only

Max Altitude: 220 meters

Temperature Range: Ambient -5°C to 40°C

Relative Humidity: 80% for T° up to 31°C

Mains Supply V: $\pm 10\%$ of normal voltage

Insulation Category: 2

Pollution Degree: 2

Q1 YEAR WARRANTY*
QUALITY GUARANTEE



Technical Data

MODEL	DIMENSIONS						VOLUME (APPROX. ℓ)	DOORS	SHELVES		TROLLEY		POWER kW	VOLTAGE V	WEIGHT Kg
	EXTERNAL (mm)			INTERNAL (mm)					SUPPLIED	MAXIMUM	SUPPLIED	MAXIMUM			
	H	W	H	H	H	H									
FSOM72HD	1985	1230	1010	1220	750	780	700	1	4	12	0	0	9,5	400v 3PH+N+E 50Hz	185
FSOM140HD	1985	1700	1135	1220	1220	912	1400	2	8	24	0	0	12,5	400v 3PH+N+E 50Hz	360
FSOM200HD	2440	1810	975	1580	1530	815	2000	2	8	24	0	0	12,5	400v 3PH+N+E 50Hz	460
FSOM210HD	2440	1050	1810	1875	910	1710	2000	1	0	0	0	1	12,5	400v 3PH+N+E 50Hz	426
FSOM210HDX2	2260	2280	1922	1915	1857	1635	4000	2	0	0	0	2	20	400v 3PH+N+E 50Hz	583
FSOM330HD	1720	1400	1480	1670	1290	1350	3000	1	0	0	0	1	12,5	400v 3PH+N+E 50Hz	480
FSOM440HD	1995	1650	1774	1895	1500	1635	4000	2	0	0	0	2	12,5	400v 3PH+N+E 50Hz	780
FSOM600HD	1995	1835	2200	1900	1660	1835	6000	2	0	0	0	2	12,5	400v 3PH+N+E 50Hz	960
FSOM880HD	2270	2050	3570	1910	1650	3470	8000	2	0	0	0	4	26	400v 3PH+N+E 50Hz	1250

Every effort has been taken to ensure the accuracy of these specifications. However, due to continuous development and improvement the goods supplied may vary in detail from those described or illustrated.



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